

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	913	grease and oil and thicken\$4 and carbon adj black	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/21 19:13
S2	272	S1 and molybdenum	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/21 19:14
S3	60	S2 and mean adj particle adj size	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/21 19:14
S4	50	S3 and @ad<"20040226"	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/21 19:16
S5	6	S4 and (extreme or EP adj additive)	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/21 19:16
S6	0	S5 and (fatty or acid) near carbonate	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/21 19:20
S7	6	S5 and (fatty or organic)	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/21 19:20
S8	913	grease and oil and thicken\$4 and carbon adj black	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:53
S9	272	S8 and molybdenum	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:53
S10	60	S9 and mean adj particle adj size	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:53
S11	50	S10 and @ad<"20040226"	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:53
S12	6	S11 and (extreme or EP adj additive)	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:53

S13	6	S12 and (fatty or organic)	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:53
S14	6	S13 and (zinc or zddp or dithiophosphate)	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:53
S15	3	S13 and (zddp or dithiophosphate)	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:53
S16	211	carbon adj black near mean adj particle adj size	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:57
S17	4	S16 and grease	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:57
S18	923	(508/108,113,116,128,421,459,564).OCLS.	US; PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 13:12
S19	29	S18 and grease and oil and thicken\$4 and carbon adj black	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 13:13
S20	15	S19 and @ad< "20040226"	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 13:13
S21	15	S20 and (extreme or EP adj additive)	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 13:13
S22	13	S21 and (zinc or zddp or dithiophosphate)	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 13:13
S23	1	S22 and carbon adj black near mean adj particle adj size	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 13:14
S24	2	S17 and salt	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:03
S25	1	S17 and carbonate	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:03
S26	36	S11 and carbonate	US; PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:04

S27	34	S26 and salt	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:04
S28	34	S27 and carbon adj black	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:04
S29	500	grease and constant adj velocity	USPAT	OR	OFF	2009/03/23 14:19
S30	429	S29 and @ad- "20040226"	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:19
S31	28	S30 and carbonate and salt	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:20
S32	22	S31 and extreme	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:23
S33	20	S32 and (phosphorus or molybdenum)	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:23
S34	2	S33 and carbon adj black	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:24
S35	86	"SAKAMOTO, KIYOMI".in.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 14:44
S36	5	"BEPPU, YUKIHARU".in.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 14:44
S37	4	"SHIBUYA, HIROYUKI".in.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 14:44
S38	119	"ARAI, TAKASHI".in.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 14:44
S39	16	"KINOSHITA, HIROTSUGU".in.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 14:45
S40	2	"ISHIBASHI, KAZUHIKO".in.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 14:45
S41	134	S36 or S37 or S38 or S39 or S40	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:46

S42	3	S41 and oil and thickener and carbon adj black	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 14:46
S43	0	"NIPPON OIL CORPORATION". as.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 15:07
S44	126	"NIPPON OIL CORPORATION". as.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 15:07
S45	2	S44 and oil and thickener and carbon adj black	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 15:07
S46	1	S45 not S42	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/23 15:07
S47	675	fatty near carbonate	US- PGPUB; USPAT; USOCR	OR	ON	2009/10/23 07:47
S48	1	overbased near fatty near carbonate	US- PGPUB; USPAT; USOCR	OR	ON	2009/10/23 07:48
S49	1	S48 and grease	US- PGPUB; USPAT; USOCR	OR	ON	2009/10/23 07:48

1/30/2010 3:05:26 PM

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